

**Administrative Record Index  
for the**

25157

**SANGAMO WESTON/TWELVE-MILE CREEK/HARTWELL PCB NPL Site**

**1.0 PRE-REMEDIAL****1.1 Correspondence**

1. Letter from Lewis Shaw, South Carolina Department of Health and Environmental Control to Howard Zeller, EPA Region IV. (August 13, 1984) Requesting that the EPA Region IV undertake a review of the PCB data obtained from analyses of several areas.
2. Memorandum from James Finger, Environmental Services Division, EPA Region IV to Howard Zeller, EPA Region IV. (August 17, 1984) Observations made on the review of the environmental data from the South Carolina Department of Health and Environmental Control relevant to Lake Hartwell PCBs.
3. Memorandum from Allison Ranson, South Carolina Department of Health and Environmental Control to the File. (December 11, 1984) Regarding three site visits--Brezeale Property, Dodgens Property, Ernest Nix Property.
4. Letter from Jack Kendall, South Carolina Department of Health and Environmental Control to James Scarbrough, EPA Region IV. (December 28, 1984) Concerning the PCB Landfill Monitoring Program - Pickens County.
5. "List of Predecisional Documents in ICS(Inspection & Compliance Section)-Sangamo File." (Documents included). (October 30, 1985)

**1.2 Sampling and Analysis Data**

1. Analysis and Sampling Data for Pre-Remedial may be reviewed by appointment only, at EPA Region IV, Atlanta, Georgia. (DATE UNKNOWN)
2. Memorandum from Patrick Tobin, EPA Region IV to Jim Finger, Environmental Services Division, EPA Region IV. (DATE UNKNOWN) Requesting ESD assistance in collecting and analyzing samples from the "Sangamo Sites" in the Pickens, SC area.
3. "A Proposed Study of Polychlorinated Biphenyls Near Pickens and Greenwood, South Carolina," by John Inabinet and William McAndrew, South Carolina Department of Health and Environmental Control. (March 1976) Purpose of proposed study is to determine the source(s) of PCB, to determine the exact levels of PCB contamination, and to determine the extent of the area of PCB contamination.
4. Memorandum from Hartsill Truesdale, South Carolina Department of Health and Environmental Control to Thomas Kurimack, South Carolina Department of Health and Environmental Control. (May 24, 1976) Collection of samples planned for May 25, 1976 at the specified sites.
5. Memorandum from Thomas Kurimack, South Carolina Department of Health and Environmental Control to Hartsill Truesdale, South Carolina Department of Health and Environmental Control. (May 26, 1976) Suggesting that the sediment samples be sent to ESD, EPA Region IV to be analyzed because of a shortage of staff and programmed work commitments.
6. Memorandum from John Inabinet, South Carolina Department of Health and Environmental Control to All Concerned. (August 26, 1976) A list of PCB data compiled by the South Carolina Department of Health and Environmental Control since January 1, 1974.
7. "Lake Hartwell PCB Study" program completed during August 11-26, 1976 by personnel from the Surveillance and Analysis Division of the South Carolina Department of Health and Environmental Control. (September 10, 1976)
8. "PCB-Drinking Water Study," by William Stillwell, South Carolina Department of Health and Environmental Control. (September 14, 1976)

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**1.0 PRE-REMEDIAL****1.2 Sampling and Analysis Data**

9. Letter from James Finger, Environmental Service Division, EPA Region IV to John Jenkins, South Carolina Department of Health and Environmental Control. (November 16, 1976) Analytical data for samples collected by US-EPA at Sangamo Electric Company, Pickens, South Carolina during the period October 12-15, 1976.
10. Letter from James Finger, Environmental Service Division, EPA Region IV to John Jenkins, South Carolina Department of Health and Environmental Control. (December 20, 1976) Analytical data for samples collected by US-EPA at Sangamo Electric Company, Pickens, South Carolina during the periods October 28-29, November 11-12, and November 22-23, 1976.
11. Letter from James Finger, Environmental Service Division, EPA Region IV to John Jenkins, South Carolina Department of Health and Environmental Control. (December 22, 1976) Analytical data for samples collected by US-EPA at Sangamo Electric Company, Pickens, South Carolina during the period December 6-7, 1976--Of significance is the results of the grab sample collected on 12/7/76 from the plant bypass.
12. Cross Reference: A Letter from Charles Clymer, South Carolina Department of Health and Environmental Control to Stewart Dodgens. (June 25, 1985) Concerning analytical results of the sample taken from Stewart Dodgens well. [Filed and cited in Entry Number 11 of 13. 1 COMMUNITY RELATIONS - Correspondence]
13. Cross Reference: Letter from Charles Clymer, South Carolina Department of Health and Environmental Control to Luke Nix, Citizen. (June 25, 1985) Concerning the analytical results of the Nix well. [Filed and cited in Entry Number 12 of 13. 1 COMMUNITY RELATIONS - Correspondence]
14. "Study Plan, Sangamo PCB Study, Pickens County, South Carolina". (November 1985) Objectives of study are to collect samples at the selected sites to determine PCB concentrations, to determine if any PCBs detected at these sites have migrated, and to gather data for use in the hazardous waste site ranking systems.
15. Cross Reference: Letter from David Welch, South Carolina Department of Health and Environmental Control to Doris Leslie. (November 22, 1985) Concerning the results of the samples collected from the Leslie Well Water Sample-Pickens County. [Filed and cited in Entry Number 16 of 13. 1 COMMUNITY RELATIONS - Correspondence]
16. "John Trotter Site, Sangamo PCB Study, Pickens County, South Carolina," Hugh Vick, Environmental Services Division, EPA Region IV. (January 1986)
17. Cross Reference: Memorandum from David Welch, South Carolina Department of Health and Environmental Control to Harry O'Brien, South Carolina Department of Health and Environmental Control. (March 03, 1986) Concerning additional sampling at the Leslie Residence, Private well. [Filed and cited in Entry Number 17 of 13. 1 COMMUNITY RELATIONS - Correspondence]
18. "Hagood Creek-Hagood Reservoir, Sangamo PCB Study, Pickens County, South Carolina," by Charles Till, Environmental Services Division, EPA Region IV. (April 30, 1986)
19. "Maw Bridge Site, Sangamo PCB Study, Pickens County, South Carolina," by Charles Till, Environmental Services Division, EPA Region IV. (April 30, 1986)
20. "The Welborn Property, Sangamo PCB Study, Pickens County, South Carolina," by Charles Till, Environmental Services Division, EPA Region IV. (May 1986)

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## **1.0 PRE-REMEDIAL**

### **1. 2 Sampling and Analysis Data**

21. "Trotter-Dodgens Study, Sangamo PCB Study, Pickens County, South Carolina," by Charles Till, Environmental Services Division, EPA Region IV. (May 01, 1986)
22. "Brazeale Property, Sangamo PCB Study, Pickens, South Carolina," by Charles Till, Environmental Services Division, EPA Region IV. (May 15, 1986)
23. "Easley-Central Reservoir, Sangamo PCB Study, Pickens County, South Carolina," by Charles Till, Environmental Services Division, EPA Region IV. (May 15, 1986)
24. "Cross Roads Church, Sangamo PCB Study, Pickens County, South Carolina," by Charles Till, Environmental Services Division, EPA Region IV. (May 19, 1986)
25. "Midway Dump, Sangamo PCB Study, Pickens county, South Carolina," by Dan Thomas, Environmental Services Division, EPA Region IV. (May 27, 1986)
26. "Easley-Pickens County Landfill, Sangamo PCB Study, Pickens County, South Carolina," by Charles Till, Environmental Services Division, EPA Region IV. (June 24, 1986)
27. "Ernest Nix Property, Sangamo PCB Study, Pickens County, South Carolina," by Charles Till, Environmental Services Division, EPA Region IV. (June 24, 1986)
28. Memorandum from Charles Till, Environmental Services Division, EPA Region IV. (December 08, 1986) Results from the dioxin and furan analyses of samples collected from the Welborn Property, Cross Roads Church site, and Midway Dump.
29. "Results of the Phase II Investigation for the Breazeale Site, Sangamo Weston, Inc., Pickens, South Carolina," by Dan Madison, RMT, Inc. (January 1987)

### **1. 4 Work Plans and Progress Reports**

1. "Preliminary Engineering Report-Wastewater Treatment Plant Modifications-Sangamo Electric Company-Pickens, South Carolina," Thomas Hancher, Davis & Floyd Engineers, Inc. (June 1976) Under the requirements of the construction permits program of the South Carolina Department of Health and Environmental, an upgrading of the waste water treatment facilities at the Pickens Plant of Sangamo Electric Company must meet the regulatory agency requirements.
2. "A Status Report on Polychlorinated Biphenyls (PCBs)," Bureau of Wastewater & Stream Quality Control, South Carolina Department of Health and Environmental Control(?). (September 1976)
3. "Status Report - Sangamo Electric Company - PCB Contamination," Bureau of Wastewater & Stream Quality Control, South Carolina Department of Health and Environmental Control(?). (October 11, 1976)
4. Memorandum from Thomas Hancher, Davis & Floyd Engineers, Inc. to the File. (December 23, 1976) Comments on the "Engineering Report, Solid Waste Disposal Plan, Sangamo Capacitor Division, Pickens, South Carolina".
5. "Engineering Report, Solid Waste Disposal Plan, Sangamo Capacitor Division, Sangamo Weston, Inc., Pickens, South Carolina," by Thomas Hancher, Davis & Floyd Engineers, Inc. (February 1978) The purpose of this report is to make application for a permit to construct facility.
6. "Preliminary Engineering Report and General Data, Domestic Waste Water Disposal System, Sangamo Capacitor Plant, Pickens, South Carolina," by Barbara Lyles, Davis & Floyd Engineers, Inc. (January 1979) The purpose of this report is to review several alternatives in an effort to determine the best method possible to correct the seepage in the newest addition of the tile field.

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**1.0 PRE-REMEDIAL**

**1.4 Work Plans and Progress Reports**

7. "Addendum No. 2, Engineering Report, Solid Waste Disposal Plan, Sangamo Capacitor Division, Pickens, South Carolina,". (February 20, 1979)
8. Letter from Jessie Butner, Sangamo Weston/Schlumberger to James Scarbrough, EPA Region IV. (June 29, 1979) Comments by Sangamo Weston/Schlumberger on attached "Solid Waste Disposal Plan, Landfill Operations Plan,".
9. Letter from James Scarbrough, EPA Region IV to J.C. Hydrick, Sangamo Capacitor Division. (July 02, 1979) Concerning what Sangamo proposed to dispose of in the landfill.
10. Letter from J.C. Hydrick, Sangamo Weston/Schlumberger to James Scarbrough, EPA Region IV. (July 18, 1979) Replying to the Public Hearing comments for the Landfill Plan Project, Sangamo Capacitor Division.
11. Memorandum from Gerald Shealy, South Carolina Department of Health and Environmental Control to Ernest Nix Property (Sangamo) File. (October 01, 1985) Concerning Work Plan/CERCLA PA/SI Cooperative Agreement.
12. Memorandum from James Finger, Environmental Services Division, EPA Region IV to Jack Ravan, EPA Region IV. (October 18, 1985) Status Report - Lake Hartwell Task Force Recommended Time Line.

**1.7 CERCLA Site Discovery**

1. "Notification of Hazardous Waste Site - 103(c) - Sangamo Capacitor Division," Form, EPA Region IV. (June 09, 1981)
2. Letter from Gray Geddie, Jr., Ogletree & Associates to Patrick Tobin, EPA Region IV. (October 08, 1986) Includes the "EPA Notification of Hazardous Waste Site-103(C)-Sangamo Weston, Inc.; Pickens Plant, Hillcrest Site".

**1.8 Preliminary Assessment Documents**

1. "Potential Hazardous Waste Site-Identification and Preliminary Assessment-Sangamo Capacitor Division," Form, Debbie Browning, EPA Region IV. (September 14, 1982)
2. "Potential Hazardous Waste Site-Preliminary Assessment-Sangamo Weston," Form, Camilla Warren, EPA Region IV. (September 10, 1985)
3. "Potential Hazardous Waste Site-Preliminary Assessment-Sangamo Electric Company/Ernest Nix Property Landfill," Form, Allison Ranson, South Carolina Department of Health and Environmental Control. (October 25, 1985)
4. "Potential Hazardous Waste Site-Preliminary Assessment-Sangamo Electric Company/Sangamo Plant Property," Form, Allison Ranson, South Carolina Department of Health and Environmental Control. (October 25, 1985)
5. "Potential Hazardous Waste Site-Preliminary Assesment-Sangamo/Ernest Nix Property," Form, Camilla Warren, EPA Region IV. (March 26, 1986)

**1.9 Site Inspection Documents**

1. "Potential Hazardous Waste Site-Tentative Disposition-Ernest Nix Site," Form, EPA Region IV. (DATE UNKNOWN)

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**1.0 PRE-REMEDIAL****1.9 Site Inspection Documents**

2. Cross Reference: Letter from Charles Jeter, South Carolina Department of Health and Environmental Control to Jessie Butner, Sangamo Electric Company. (August 18, 1976) Concerning Chemical Storage Area, Sangamo Electric Company. [Filed and cited in Entry Number 16 of 11.9 POTENTIALLY RESPONSIBLE PARTIES (PRP) - PRP-Specific Correspondence]
3. Cross Reference: Field Inspection Report from W.J. Kelley, Jr., South Carolina Department of Health and Environmental Control to Earl Williams, South Carolina Department of Health and Environmental Control. (June 07, 1977) Concerning the inspection of the property of Billy Dodgens, Donnie Nix, and Hoke Cox. [Filed and cited in Entry Number 23 of 11.9 POTENTIALLY RESPONSIBLE PARTIES (PRP) - PRP-Specific Correspondence]
4. Cross Reference: Field Inspection Report from Robert Hall, South Carolina Department of Health and Environmental Control to Larry Johnson, South Carolina Department of Health and Environmental Control. (November 17, 1977) Concerning meeting with Jessie Butner, Sangamo Electric regarding Sangamo's desire to dispose of industrial sludge. [Filed and cited in Entry Number 25 of 11.9 POTENTIALLY RESPONSIBLE PARTIES (PRP) - PRP-Specific Correspondence]
5. Memorandum from John Lank, EPA Region IV to James Scarbrough, EPA Region IV. (August 20, 1984) Inspection of Sangamo Weston Co., Pickens, SC.
6. Letter from Robert Jourdan, EPA Region IV to Charles Bowen, City of Morris, State of South Carolina. (August 21, 1985) Concerning the ongoing investigation of the PCB contamination of 12-Mile Creek.
7. "Potential Hazardous Waste Site-Site Inspection Report-Sangamo Electric," Form, Camilla Warren, EPA Region IV. (September 06, 1985)
8. Memorandum from Camilla Warren, EPA Region IV to Jon Johnston, EPA Region IV. (September 13, 1985) Site Inspection and Trip Report on Sangamo Electric PCB sites, Pickens, SC.
9. "Potential Hazardous Waste Site-Site Inspection Report-Ernest Nix Property," Form, Gerald Shealy, South Carolina Department of Health and Environmental Control. (October 28, 1985)
10. "Potential Hazardous Waste Site-Site Inspection Report-Sangamo Property," Form, Gerald Shealy, South Carolina Department of Health and Environmental Control. (October 28, 1985)
11. "Potential Hazardous Waste Site-Site Inspection Report-Sangamo/Ernest Nix," Form, Camilla Warren, EPA Region IV. (March 25, 1986)
12. Memorandum from Site Screening Section, South Carolina Department of Health and Environmental Control to EPA Region IV. (April 23, 1987) Concerning the Ernest Nix Property/Sangamo Electric and including the "Potential Hazardous Waste Site-Site Inspection Report-Sangamo/Ernest Nix Property," (11/9/86) Form, EPA Region IV.
13. Memorandum from South Carolina Department of Health and Environmental Control/Site Screening Section to US EPA Region IV. (April 24, 1987) Concerning the Sangamo Capacitor Division and including the "Potential Hazardous Waste Site-Site Inspection Report for Sangamo Electric," Form, Gerald Shealy, South Carolina Department of Health & Environmental Control (11/20/86).

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**2.0 REMOVAL RESPONSE**

**2.1 Correspondence**

1. Cross Reference: Memorandum from James Kelley, Jr., South Carolina Department of Health and Environmental Control to Earl Williams, South Carolina Department of Health and Environmental Control. (June 08, 1977) Removal of PCB-Contaminated Waste-Nix Property-Pickens County. [Filed and cited in Entry Number 24 of 17. 8 SITE MANAGEMENT RECORDS - State and Local Technical Records]
2. Memorandum from Chuck McPherson, EPA Region IV to Jack Ravan, EPA Region IV. (June 02, 1986) Concerning Sangamo Electric/Breazeale Property cleanup.
3. Memorandum from Rita Ford, EPA Region IV to Giezelle Bennett, EPA Region IV. (April 19, 1989) Concerning the proposed Sangamo Plant Removal--Area D.
4. Letter from Giezelle Bennett, EPA Region IV to Linda Jennett, Sangamo Weston. (July 27, 1989) Concerning the Sangamo Area D Removal, Pickens, SC.

**2.2 Sampling and Analysis Data**

1. The Sampling and Analysis Data for the Removal Response may be reviewed by appointment only, at EPA Region IV, Atlanta, Georgia. (DATE UNKNOWN)

**2.4 Work Plans and Progress Reports**

1. "Work Plan for Area D Waste Removal Project, Sangamo Weston, Inc., Pickens County, South Carolina," by Chemical Waste Management, Inc., prepared for Sangamo Weston, Inc. (DATE UNKNOWN)
2. "Workplan for the Removal of Wastes from Area D, Sangamo Weston, Inc., Pickens, South Carolina," (Revised) by RMT, Inc. (June 1989)

**3.0 REMEDIAL INVESTIGATION (RI)**

**3.1 Correspondence**

1. Meeting Notes from Sangamo Meeting, Pickens, SC. (September 10, 1986)
2. Letter from Michelle Glenn, EPA Region IV to Linda Jennett, Sangamo Weston. (November 02, 1988) Requesting lagoon sampling at the Sangamo Weston site in regards to the Remedial Investigation/Feasibility Study.
3. Letter from Linda Jennett, Schlumberger Industries to Michelle Glenn, EPA Region IV. (November 11, 1988) Refusal of Sangamo Weston to sample lagoon until EPA grants a variance to the NPDES permit.
4. Letter from Eilyn Weiss, Foley, Hoag & Eliot to Michelle Glenn, EPA Region IV. (December 06, 1988) Cornell-Dubilier, holder of the NPDES permit, supports the position expressed by Ms. Jennett in her letter of November 11, 1988.
5. Letter from Bart Ruiter, South Carolina Department of Health and Environmental Control to Linda Jennett, Schlumberger Industries. (December 13, 1988) Concerning a need for sampling the wastewater lagoon sediment and not giving Schlumberger Industries an NPDES permit variance.
6. Letter from Patrick Tobin, EPA Region IV to Linda Jennett, Sangamo Weston. (February 09, 1989) Requesting that the September 1976 sampling report be used in the current evaluation of the lagoon.

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**3.0 REMEDIAL INVESTIGATION (RI)****3.2 Sampling and Analysis Data**

1. The Sampling And Analysis Data for the Remedial Investigation (RI) may be reviewed by appointment only, at EPA Region IV, Atlanta, Georgia. (DATE UNKNOWN)
2. Memorandum from James Gray, Environmental Services Division, EPA Region IV to Giezelle Bennett, EPA Region IV. (April 24, 1989) Study Plan, Sangamo-Weston NPL Site, Pickens, South Carolina, for sampling of the stabilization pond.
3. Memorandum from James Gray, Environmental Services Division, EPA Region IV to Giezelle Bennett, EPA Region IV. (July 14, 1989) Final Report, Sampling Investigation, Sangamo-Weston NPL Site, Pickens, South Carolina, for the sampling investigation of the stabilization pond.
4. Memorandum from Wade Knight, Environmental Services Division, EPA Region IV to Giezelle Bennett, EPA Region IV. (December 18, 1989) Concerning the receipt and review of a CLP data package for a waste sample taken at the Sangamo-Weston Site, Pickens, South Carolina.
5. Cross Reference: Letter from Linda Jennett, Schlumberger Environmental Services, Inc. to Giezelle Bennett, EPA Region IV. (February 02, 1990) Official notification that the laboratory chosen to perform the sampling and analytical work for Phase II of the Remedial Investigation work will be RECRA Environmental, Inc., Amherst, New York. [Filed and cited in Entry Number 8 of 10.11 ENFORCEMENT - EPA Administrative Orders]

**3.4 Work Plans and Progress Reports**

1. "Remedial Investigation/Feasibility Study Workplan-Sangamo Weston, Pickens, South Carolina," by RMT, Inc. for Sangamo Weston (Missing: Plate 2-1; Plate 4-3; Sangamo Plant Site/Wastewater Treatment). (December 1987)
2. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston reporting on all tasks completed through February 5, 1988. (February 08, 1988)
3. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period February 6 through March 6, 1988. (March 09, 1988)
4. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period March 7 through April 3, 1988. (April 06, 1988)
5. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period April 4 through May 1, 1988. (May 04, 1988)
6. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period May 2 through June 5, 1988. (June 09, 1988)
7. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period June 6 through July 3, 1988. (July 07, 1988)
8. Monthly Progress Report-correction-to EPA by RMT, Inc. for Sangamo Weston for the period June 6 through July 3, 1988. (July 11, 1988)
9. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period July 4 through July 31, 1988. (August 09, 1988)
10. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period August 1 through September 4, 1988. (September 07, 1988)

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**3.0 REMEDIAL INVESTIGATION (RI)****3.4 Work Plans and Progress Reports**

11. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period September 4 through October 2, 1988. (October 07, 1988)
12. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period October 2 through November 6, 1988. (November 09, 1988)
13. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period November 7 through December 4, 1988. (December 07, 1988)
14. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period December 5, 1988, through January 8, 1989. (January 09, 1989)
15. Monthly Progress Report to EPA by Linda Jennett, Schlumberger Industries (formerly Sangamo Weston) for the period January 9, 1989, through February 12, 1989. (February 09, 1989)
16. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period February 13 through March 5, 1989. (March 08, 1989)
17. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period March 6 through April 2, 1989. (April 06, 1989)
18. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period April 3 through May 7, 1989. (May 09, 1989)
19. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period May 8 through June 4, 1989. (June 09, 1989)
20. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period June 5 through July 2, 1989. (July 07, 1989)
21. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period July 3 through August 6, 1989. (August 09, 1989)
22. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period August 7 through September 3, 1989. (September 07, 1989)
23. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period September 4 through October 1, 1989. (October 03, 1989)
24. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period October 2 through November 4, 1989. (November 09, 1989)
25. Letter from Don Madison, RMT, Inc. to Giezelle Bennett, EPA Region IV. (November 14, 1989) Addendum to Remedial Investigation/Feasibility Study (RI/FS) Workplan for the Sangamo Plant, Breazeale, Nix, Dodgens, Cross Roads, John Trotter and Welborn Sites.
26. Letter from Giezelle Bennett, EPA Region IV to Linda Jennett, Sangamo Weston. (December 05, 1989) Addendum to the Remedial Investigation/Feasibility Study (RI/FS) Workplan approval with incorporation of the listed comments.
27. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period November 5 through December 3, 1989. (December 07, 1989)
28. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period December 4, 1989, through January 7, 1990. (January 09, 1990)



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**3.0 REMEDIAL INVESTIGATION (RI)**

**3.4 Work Plans and Progress Reports**

29. Monthly Progress Report to EPA by RMT, Inc. for Sangamo Weston for the period February 5 through March 4, 1990. (March 08, 1990)

**3.7 Applicable or Relevant and Appropriate Requirements (ARARs)**

1. Letter from Richard Bonds, South Carolina Department of Health and Environmental Control to Giezelle Bennett, EPA Region IV. (October 06, 1989) Concerning South Carolina's ARARs--consists of a complete set of regulations from DHEC's Industrial Wastewater, Air, Groundwater and Hazardous Waste program areas (Copies of the referenced South Carolina Department of Health & Environmental Control Regulations are available at EPA Region IV, Atlanta, Georgia).
2. Letter from Giezelle Bennett, EPA Region IV to Brian Curtis, Ogletree & Associates. (December 12, 1989) In response to Mr. Curtis' request for ARARs for the Sangamo Site is a memo from Carin DeBenedictis, EPA Region IV, addressing the TSCA requirements for remediation at the site.
3. Letter from Giezelle Bennett, EPA Region IV to Brian Curtis, Ogletree & Associates. (December 15, 1989) In response to Mr. Curtis' request for ARARs for the Sangamo Site is a memo from Judy Sophianopoulos, EPA Region IV, addressing the Land Disposal Restrictions (LDR) for the site.

**3.8 Interim Deliverables**

1. "Site Safety Plan-Ernest Nix Property," Gerald Shealy, South Carolina Department of Health and Environmental Control. (September 30, 1985)
2. Memorandum from James Finger, Environmental Services Division, EPA Region IV to Bruce Barrett, EPA Region IV. (October 30, 1985) Concerning the risk assessment information and public water intakes along Twelve Mile Creek (Lake Hartwell).
3. "Standard Operating Procedures; Quality Assurance Project Plan; Site Health & Safety Plan--Sangamo Weston, Pickens County, South Carolina," by RMT, Inc. (December 1987)
4. "Quality Assurance/Sampling Project Plan-Sangamo Weston/Lake Hartwell Site, Pickens County, South Carolina," by Versar, Inc., for EPA Headquarters. (December 21, 1987)
5. Memorandum from Jim Gray, Environmental Services Division, EPA Region IV to Giezelle Bennett, Waste Management Division, EPA Region IV. (May 27, 1988) Safety Plan-Sangamo Weston, Inc.--found unsatisfactory for protection of worker safety in the environment described.
6. "Site Health and Safety Plan for Sangamo Weston, Inc., Pickens, South Carolina," Revision 2, by RMT, Inc. (June 1988)

**3.10 Remedial Investigation (RI) Reports**

1. "Remedial Investigation (RI) Report for the Sangamo Plant, Breazeale, Nix, Dodgens, Cross Roads, John Trotter and Welborn Sites," Volume I by RMT, Inc. for Sangamo Weston, Inc., Pickens County, South Carolina. (November 1989)
2. "Remedial Investigation (RI) Report, Pickens County Site," Volume II--Appendices by RMT, Inc. for Sangamo Weston, Inc., Pickens County, South Carolina. (November 1989)

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**3.0 REMEDIAL INVESTIGATION (RI)****3.11 Health Assessments**

1. Letter from Paul Wiesner, M.D., Centers for Disease Control to Richard Parker, D.V.M., M.P.H., South Carolina Department of Health and Environmental Control. (November 29, 1984) Concerning review of environmental and biological data regarding the possible exposures to Polychlorinated Biphenyls (PCBs) in Pickens County, South Carolina.
2. Memorandum from Jeffrey A. Lybarger, M.D., Centers for Disease Control to Stephen Margolis, Ph.D., Centers for Disease Control (?). (June 17, 1985) Concerning PCB in drinking water, Cateechee, Pickens County, South Carolina.
3. Memorandum from Chuck Pietrosewicz, EPA Region IV to Dr. Bob Marino, South Carolina Department of Health and Environmental Control. (June 24, 1986) Including chronological summary of state and Federal interagency actions to date regarding the presence of PCBs in the Pickens Co., South Carolina area, developed by EPA Region IV.
4. Cross Reference: "Biological Data Relevant to the Evaluation of Carcinogenic Risk to Humans," by Dr. Raymond Harbison, et al, Division of Interdisciplinary Toxicology, University of Arkansas, School of Medicine, Little Rock, Arkansas, prepared for Scientific Advisory Panel, Safe Drinking Water and Toxic Enforcement Act, State of California. (August 1987) [Filed and cited in Entry Number 7 of 17. 7 SITE MANAGEMENT RECORDS - Reference Documents]

**4.0 FEASIBILITY STUDY (FS)****4.9 Feasibility Study (FS) Reports**

1. "Feasibility Study (FS) for Sangamo Weston, Inc., Pickens County, South Carolina," (Revised Draft) Volume I--Sangamo Plant, Breazeale, Nix, Dodgens, Cross Roads, John Trotter, and Welborn Sites, by RMT, Inc. for Sangamo Weston, Inc. (April 1990)
2. "Feasibility Study (FS) for Sangamo Weston, Inc., Pickens County, South Carolina," Volume II--Sangamo Plant, Breazeale, Nix, Dodgens, Cross Roads, John Trotter, and Welborn Sites, by RMT, Inc. for Sangamo Weston, Inc. (April 1990)
3. Letter from Linda Jennett, Schlumberger Environmental Services, Inc. to Patrick Tobin, EPA Region IV. (May 11, 1990) Concerning comments in regards to the Feasibility Study (FS) and Sangamo's objection to the Agency's disapproval of the FS and request for a meeting with EPA and other appropriate Agency management to attempt to resolve Sangamo's concerns.
4. Letter from Michelle Glenn, EPA Region IV to Linda Jennett, Schlumberger North America. (June 26, 1990) Concerning the approval of the revised draft Feasibility Study, June 6, 1990.

**4.10 Proposed Plans for Selected Remedial Action**

1. Proposed Plan: OU One Sangamo Weston Inc./Twelve-Mile Creek/Lake Hartwell PCB Contamination Site, Pickens County, South Carolina, EPA Fact Sheet. (July 1990)
2. Letter from Clifford E. Kirchof, Schlumberger, Inc., to Michelle M. Glenn, EPA Region IV. (October 08, 1990) Conveying copies of the comments on EPA's Preferred Alternative for the Sangamo Weston Inc./Twelve Mile Creek/Lake Hartwell Site, Pickens County, South Carolina.

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**5.0 RECORD OF DECISION (ROD)**

**5.1 Correspondence**

1. Letter from Lewis Shaw, South Carolina Department of Health and Environmental Control to Greer Tidwell, EPA Region IV. (December 18, 1990) This is the State Concurrence letter.

**5.2 Responsiveness Summaries**

1. Cross-Reference: "Responsiveness Summary - Sangamo Weston/Twelve-Mile Creek/Lake Hartwell PCB Contamination Site, Operable Unit #1," EPA Region IV. (December 19, 1990) [Filed and cited as Entry Number 1 in 5.9 RECORD OF DECISION (ROD) - Record of Decision (ROD), Appendix C].

**5.9 Record of Decision (ROD)**

1. "Record of Decision - Remedial Alternative Selection - Sangamo Weston/Twelve-Mile Creek/Lake Hartwell PCB Contamination Site, Operable Unit #1 - Pickens, Pickens County, South Carolina," EPA Region IV. (December 19, 1990)

**10.0 ENFORCEMENT**

**10.1 Correspondence**

1. Cross Reference: Letter from Jack Kendall, South Carolina Department of Health and Environmental Control to James Scarbrough, EPA Region IV. (December 28, 1984) Concerning the PCB Landfill Monitoring Program - Pickens County. [Filed and cited in Entry Number 4 of 1.1 PRE-REMEDIAL - Correspondence]

**10.2 PRP Enforcement Work Plans**

1. Cross Reference: "Remedial Investigation/Feasibility Study Workplan- Sangamo Weston, Pickens, South Carolina," by RMT, Inc. for Sangamo Weston (Missing: Plate 2-1; Plate 4-3; Sangamo Plant Site/Wastewater Treatment). (December 1987) [Filed and cited as Entry Number 1 in 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports].

**10.9 General Negotiations**

1. Letter from Terry Richardson, Jr., Blatt & Fales to Lee Thomas, EPA Headquarters. (December 22, 1984) Regarding the 60 residents of Cateechee, South Carolina's "Notice of Intent to sue Sangamo Weston, Schlumberger, Ltd., and Monsanto Company for violations of the Clean Water Act and The Resources Conservation and Recovery Act".

**10.11 EPA Administrative Orders**

1. Findings of Fact, IN THE MATTER OF SANGAMO ELECTRIC COMPANY-CAPACITOR DIVISION, Docket No. 76-111(w). Notice of Violation and Order (33 U.S.C. 1319(a)). (August 30, 1976)
2. Complaint, SANGAMO WESTON, INCORPORATED, PLAINTIFF, v. RUSSELL E. TRAIN, AS ADMINISTRATOR, ENVIRONMENTAL PROTECTION AGENCY; JACK E. RAVAN, AS REGION IV ADMINISTRATOR, ENVIRONMENTAL PROTECTION AGENCY; PAUL J. TRAINA, AS DIRECTOR, ENFORCEMENT DIVISION, Environmental Protection Agency Region IV, Defendants; Docket No. 76-1838. (October 01, 1976)
3. Memorandum from Ronald Allen, EPA Region IV to Compliance Branch, EPA Region IV. (December 02, 1977) Concerning the Closure of Administrative Order files.

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**10.0 ENFORCEMENT****10.11 EPA Administrative Orders**

4. PLAINTIFFS (see document for names), vs. SANGAMO WESTON, INC., a.k.a. Sangamo Electric, c/o C.T. Corporation Systems, 409 East North Street, Greenville, South Carolina 29602; Schlumberger, Ltd., 277 Park Avenue, New York, New York 10017; Monsanto Company, c/o C.T. Corporation Systems, 409 East North Street, Greenville, South Carolina, Defendants. COMPLAINT FOR PERSONAL INJURY, PROPERTY DAMAGE, INJUNCTION AND CIVIL PENALTIES, Civil Action No.8:84-3184-3; Plaintiffs Demand a Jury Trial. (December 27, 1984)
5. Administrative Order by Consent, IN THE MATTER OF BREAZEAL PROPERTY, WOLF CREEK ROAD, PICKENS, SOUTH CAROLINA, SANGAMO WESTON COMPANY AND MR. WADE BREAZEAL, Respondents, Docket No. 86-14-C. (July 29, 1986)
6. Administrative Order on Consent, IN THE MATTER OF SANGAMO WESTON/TWELVE-MILE CREEK/LAKE HARTWELL PCB CONTAMINATION SITE, PICKENS COUNTY, SOUTH CAROLINA, SANGAMO WESTON, INC., PICKENS, SOUTH CAROLINA, Respondent. (Proceeding Under Section 106(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. ss9606 (s)). U.S. EPA Docket No. 87-14-C. (June 18, 1987)
7. Letter from Patrick Tobin, EPA Region IV to Linda Jennett, Sangamo Weston. (August 28, 1989) Enclosing an executed copy of the Consent Order Modification.
8. Letter from Linda Jennett, Schlumberger Environmental Services, Inc. to Giezelle Bennett, EPA Region IV. (February 02, 1990) Official notification that the laboratory chosen to perform the sampling and analytical work for Phase II of the Remedial Investigation work will be RECRA Environmental, Inc., Amherst, New York.

**10.14 Pleadings -- Directly Related to Trial**

1. Letter from Paul Traina, EPA Region IV to J.C. Hydrick, Sangamo Electric Company. (August 23, 1976) Notice to Show Cause, NPDES Permit No. SC0000141, Pickens, SC.

**11.0 POTENTIALLY RESPONSIBLE PARTIES (PRP)****11.9 PRP-Specific Correspondence**

1. Letter from Woody Ramsey, Sangamo Electric Company to Mike Glowacz, South Carolina Pollution Control Authority. (June 30, 1975) Concerning that fact that Sangamo's solid waste is disposed on the land leased from Lewis Trotter.
2. Memorandum from Earl Williams, Jr., South Carolina Department of Health and Environmental Control to Charles Kelly, South Carolina Department of Health and Environmental Control. (June 30, 1975) Concerning sludge disposal at Sangamo Electric Company - Pickens Co.
3. Letter from Stanley Legro, EPA Headquarters to Sangamo Electric Company, Pickens, South Carolina. (August 16, 1975) Request for information--Polychlorinated Biphenyl (PCB) compounds or mixtures.
4. Memorandum from J.C. Hydrick, Sangamo Electric Company to R.B. Cochran, Sangamo Electric. (August 21, 1975) Concerning EPA's request for PCB Information--that Sangamo considers proprietary.
5. Letter from Jessie Butner, Sangamo Electric to Paul Traina, EPA Region IV. (August 26, 1975) Response to request for information requesting an extension of time.

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**11.0 POTENTIALLY RESPONSIBLE PARTIES (PRP)****11.9 PRP-Specific Correspondence**

6. Letter from L.F. Delaney, Sangamo Weston, Springfield, Illinois to Robert Pearson, EPA Region V. (September 05, 1975) Confirming that Sangamo's Pickens Division, Pickens, South Carolina, is the only establishment in their Corporation that handles PCB compounds.
7. Letter from Paul Traina, EPA Region IV to Jessie Butner, Sangamo Electric. (September 05, 1975) Denying an extension of time to supply information on Sangamo's use of PCBs.
8. Response to EPA's "Polychlorinated Biphenyls (PCB) Questionnaire," by Jessie Butner, Sangamo Electric Company. (September 19, 1975)
9. Letter from Jessie Butner, Sangamo Electric Company to transporters of Sangamo's raw materials and products containing Polychlorinated Biphenyls (PCBs). (September 22, 1975) List of transporters are included in Appendix IV of Sangamo's response to the PCB Questionnaire.
10. Letter from Jessie Butner, Sangamo Electric Company to Paul Traina, EPA Region IV. (September 25, 1975) Correction to Appendix of response to PCB Questionnaire.
11. Letter from H.T. Walton, McLean Trucking Company to Jessie Butner, Sangamo Electric Company. (September 26, 1975) Inquiring as to what Sangamo ships, so that McLean can comply with the OSHA Standards.
12. Letter from Jessie Butner, Sangamo Electric Company to H.T. Walton, McLean Trucking Company. (October 02, 1975) Clarifying a misunderstanding in McLean's letter of September 22, 1975.
13. Memorandum from Hartsill Truesdale, South Carolina Department of Health and Environmental Control to Larry Johnson, South Carolina Department of Health and Environmental Control. (November 26, 1975) The need to address the possibility of PCB (Polychlorinated Biphenyls) contamination of the sludge from the Sangamo Electric Company.
14. Letter from Jessie Butner, Sangamo Electric Company to Larry Johnson, South Carolina Department of Health and Environmental Control. (January 29, 1976) Concerning Industrial Solid Waste Disposal of dredged basin.
15. Letter from Bob Littleton, Sangamo Electric Company to William Lowery, Oconee City/County Sanitation Commission, Walhalla, South Carolina. (May 14, 1976) Concerning special handling of Industrial Waste Materials.
16. Letter from Charles Jeter, South Carolina Department of Health and Environmental Control to Jessie Butner, Sangamo Electric Company. (August 18, 1976) Concerning Chemical Storage Area, Sangamo Electric Company.
17. Letter from Jessie Butner, Sangamo Electric Company to Charles Jeter, South Carolina Department of Health and Environmental Control. (August 24, 1976) In response to Mr. Jeter's letter of 8/18/76 concerning drums, which contained PCB contaminated waste, that were shipped off for proper disposal and the problem of overflow.
18. Letter from Jessie Butner, Sangamo Electric Company to Paul Traina, EPA Region IV. (August 30, 1976) Concerning the upper or equalization pond of the Sangamo wastewater treatment facility.
19. Letter from Jessie Butner, Sangamo Electric Company to Paul Traina, EPA Region IV. (September 02, 1976) Concerning the meeting between EPA Region IV, South Carolina Department of Health and Environmental Control (SCDHEC) and Sangamo Capacitor Division on August 26, 1976.

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**11.0 POTENTIALLY RESPONSIBLE PARTIES (PRP)****11.9 PRP-Specific Correspondence**

20. Letter from Paul Traina, EPA Region IV to J.C. Hydrick, Sangamo Electric Company. (September 13, 1976) In response to Sangamo's letter of 9/2/76.
21. Letter from Hartsill Truesdale, South Carolina Department of Health and Environmental Control to Jessie Butner, Sangamo Electric Company. (September 23, 1976) Disposal of PCB Contaminated Solid Waste, Sangamo Electric Company.
22. Letter from Hartsill Truesdale, South Carolina Department of Health and Environmental Control, to Thomas Hancher, Davis & Floyd Engineering, Inc. (October 15, 1976) Concerning the trench type arrangement for solid waste disposal.
23. Field Inspection Report from W.J. Kelley, Jr., South Carolina Department of Health and Environmental Control to Earl Williams, South Carolina Department of Health and Environmental Control. (June 07, 1977) Concerning the inspection of the property of Billy Dodgens, Donnie Nix, and Hoke Cox.
24. Cross-Reference: Memorandum from James Kelley, Jr., South Carolina Department of Health and Environmental Control to Earl Williams, South Carolina Department of Health and Environmental Control. (June 08, 1977) Removal of PCB-Contaminated Waste-Nix Property-Pickens County. [Filed and cited in Entry Number 24 of 17.8, SITE MANAGEMENT RECORDS - State and Local Technical Records].
25. Field Inspection Report from Robert Hall, South Carolina Department of Health and Environmental Control to Larry Johnson, South Carolina Department of Health and Environmental Control. (November 17, 1977) Concerning meeting with Jessie Butner, Sangamo Electric regarding Sangamo's desire to dispose of industrial sludge.
26. Letter from Don McCombs, EPA Region IV to J.C. Hydrick, Sangamo Electric Company. (April 14, 1978) Meeting report concerning the requirements of 40 CFR 761.41 (Annex II) as published in the FEDERAL REGISTER on February 17, 1978.
27. Letter from Thomas Hancher, Davis & Floyd Engineers, Inc. to Hartsill Truesdale, South Carolina Department of Health and Environmental Control. (July 19, 1978) Concerning the disposal of sludge from the waste treatment plant for Sangamo Capacitor Division.
28. Cross Reference: Letter from Allen McEntire, South Carolina Department of Health and Environmental Control to Jessie Butner, Sangamo Electric Weston. (July 23, 1979) Concerning PCB Clean-up of the open dump sites previously used for disposal of PCB material in attached memorandum. [Filed and cited in Entry Number 30 of 17.8 SITE MANAGEMENT RECORDS - State and Local Technical Records]
29. Letter from Jessie Butner, Sangamo Weston/Schlumberger to Allen McEntire, South Carolina Department of Health and Environmental Control. (August 14, 1979) Concerning PCB Clean-up, Pickens County.
30. Letter from Hartsill Truesdale, South Carolina Department of Health and Environmental Control, to Jessie Butner, Sangamo Weston/Schlumberger. (September 20, 1979) Concerning the Industrial Waste Permit - IWP #139, Pickens County.
31. Cross Reference: Memorandum from Chuck McPherson, EPA Region IV to Jack Ravan, EPA Region IV. (June 02, 1986) Concerning Sangamo Electric/Breazeale Property cleanup. [Filed and cited in Entry Number 2 of 2.1 REMOVAL RESPONSE - Correspondence]

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**11.0 POTENTIALLY RESPONSIBLE PARTIES (PRP)****11.9 PRP-Specific Correspondence**

32. A letter from Thomas Devine, EPA Region IV to Wade Brazeale, Potentially Responsible Person. (June 04, 1986) The 104 Notice Letter concerning the Brazeale Property.
33. Letter from Thomas Devine, EPA Region IV to Sangamo Weston Company, c/o Brian Curtis, Ogletree & Associates (Attorney for Sangamo Weston Company). (June 04, 1986) The Notice Letter concerning the Brazeale Property.

**11.10 PRP-Specific Evidence - Government Agency Documents**

1. Cross Reference: Findings of Fact, IN THE MATTER OF SANGAMO ELECTRIC COMPANY-CAPACITOR DIVISION, Docket No. 76-111(w). Notice of Violation and Order (33 U.S.C. 1319(a)). (August 30, 1976) [Filed and cited as entry number 1 in 10.11 ENFORCEMENT - EPA Administrative Orders].
2. Agreement--between Sangamo, State of South Carolina, and EPA. (October 13, 1976) Concerning PCB levels and Sangamo's withdrawal of its lawsuit against EPA.
3. Letter from Hartsill Truesdale, South Carolina Department of Health and Environmental Control to Jessie Butner, Sangamo Electric Company. (May 18, 1977) Concerning Sangamo's Industrial Landfill Permit IWP-#139 to be used for disposal of PCB-contaminated wastes.
4. Letter from Hartsill Truesdale, South Carolina Department of Health and Environmental Control to James Scarbrough, EPA Region IV. (July 22, 1977) Concerning the final revisions required to make the permit effective.
5. Letter from James Scarbrough, EPA Region IV to Hartsill Truesdale, South Carolina Department of Health and Environmental Control. (September 12, 1977) Concerning the review of the revised Sangamo, Inc. plans.
6. Letter from Hartsill Truesdale, South Carolina Department of Health and Environmental Control to Jessie Butner, Sangamo Electric Company. (September 28, 1977) Concerning the Industrial Landfill Permit IWP-#139-Pickens County.
7. Letter from Hartsill Truesdale, South Carolina Department of Health and Environmental Control to Gray Geddies, Ogletree & Associates. (October 04, 1977) Concerning the fact that the Industrial Landfill Permit IWP-#139 is valid for a period of one year.
8. Letter from J.C. Hydrick, Sangamo Weston/Schlumberger to John White, EPA Region IV. (January 13, 1978) Concerning making the requested modifications to the existing permit conditions or that an entirely new permit be issued.
9. Cross Reference: "Engineering Report, Solid Waste Disposal Plan, Sangamo Capacitor Division, Sangamo Weston, Inc., Pickens, South Carolina," by Thomas Hancher, Davis & Floyd Engineers, Inc. The purpose of this report is to make application for a permit to construct facility. (February 1978) [Filed and cited as Entry Number 5 in 1.4 PRE-REMEDIAL - Work Plans and Progress Reports].
10. Letter from Don McCombs, EPA Region IV to J.C. Hydrick, Sangamo Weston/Schlumberger. (March 30, 1978) Review of Application for the approval of a chemical waste landfill for the disposal of PCBs.
11. Letter from Don McCombs, EPA Region IV to J.C. Hydrick, Sangamo Weston/Schlumberger. (April 14, 1978) Concerning review of Engineering Report and comments, questions and statements needed to meet criteria to obtain site approval.

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**11.0 POTENTIALLY RESPONSIBLE PARTIES (PRP)****11.10 PRP-Specific Evidence - Government Agency Documents**

12. Memorandum from John Dickinson, EPA Region IV to the File. (May 26, 1978) Concerning a meeting with Sangamo Electric and their application for PCB Disposal site.
13. Communication Records (Conference Call notes) between John Dickinson, EPA Region IV, Jim Scarbrough, EPA Region IV, Herbert Johnson, EPA Region IV, and Jessie Butner, Sangamo Electric Company and Thomas Hancher, Davis & Floyd Engineers, Inc. (June 02, 1978) Concerning Sangamo's PCB Disposal Application.
14. Memorandum from Joan Lyon, EPA Region IV to Steffan Plehn, EPA Region IV. (June 02, 1978) Inapplicability of REPA DIS Requirements to Approvals for PCB Disposal Site.
15. Memorandum from Earl Williams, Jr., South Carolina Department of Health and Environmental Control, to Robert Hall, District Solid Waste Consultant. (June 19, 1978) Concerning the Industrial Landfill Permit Review.
16. Letter from Hartsill Truesdale, South Carolina Department of Health and Environmental Control to Jessie Butner, Sangamo Electric Company. (June 20, 1978) Concerning the fact that the federal regulations regarding disposal of PCB waste having been finalized and that Sangamo will be required to comply with all Federal regulations.
17. Letter from Thomas Hancher, Davis & Floyd Engineers, Inc. to Herbert Johnson, EPA Region IV. (November 29, 1978) Regarding the Sangamo Capacitor Landfill and the soils lab results of Atterberg Limits.
18. Cross Reference: "Preliminary Engineering Report and General Data, Domestic Waste Water Disposal System, Sangamo Capacitor Plant, Pickens, South Carolina," by Barbara Lyles, Davis & Floyd Engineers, Inc. The purpose of this report is to review several alternatives in an effort to determine the best method possible to correct the seepage in the newest addition of the tile field. (January 1979) [Filed and cited as Entry Number 6 in 1.4 PRE-REMEDIAL - Work Plans and Progress Reports].
19. Cross Reference: "Addendum No. 2, Engineering Report, Solid Waste Disposal Plan, Sangamo Capacitor Division, Pickens, South Carolina." (February 20, 1979) [Filed and cited as Entry Number 7 in 1.4 PRE-REMEDIAL - Work Plans and Progress Reports].
20. Letter from James Scarbrough, EPA Region IV to Jessie Butner, Sangamo Electric Company. (May 30, 1979) Concerning the public hearing on the Sangamo Capacitor Divisions' application for PCB disposal and the waivers and adequate justifications needed before receiving approval.
21. Memorandum from Allen McEntire, South Carolina Department of Health and Environmental Control to Hartsill Truesdale, South Carolina Department of Health and Environmental Control. (May 31, 1979) Concerning several areas which need some attention prior to permit issuance.
22. Letter from Thomas Hancher, Davis & Floyd Engineers, Inc. to Hartsill Truesdale, South Carolina Department of Health and Environmental Control. (June 22, 1979) Responding to the staff memorandum of May 31, 1979, to which he had been copied.
23. Telephone Notes between Jessie Butner, Sangamo Electric Company and John Dickinson, EPA Region IV. (June 28, 1979) Concerning the Review of Sangamo Hearing Record of May 23, 1979.



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**11.0 POTENTIALLY RESPONSIBLE PARTIES (PRP)****11.10 PRP-Specific Evidence - Government Agency Documents**

24. Letter from Jessie Butner, Sangamo Weston/Schlumberger to James Scarbrough, EPA Region IV. (June 29, 1979) Regarding the landfill plan for PCB disposal for the Sangamo Capacitor Division project waiver of requirements in 40 CER 761 is requested as outlined in the correspondence of May 30, 1979, to Mr. Jessie Butner, Sangamo Electric Company.
25. Letter from James Scarbrough, EPA Region IV to J.C. Hydrick, Sangamo Electric Company. (July 02, 1979) Concerning the question of what Sangamo proposed to dispose of in the landfill.
26. Memorandum from Clyde Livingston, South Carolina Department of Health and Environmental Control to Andy Tasinsac, South Carolina Department of Health and Environmental Control. (July 16, 1979) Concerning the Sangamo Capacitor's Proposed Domestic Waste Tile Field/Review of soils data.
27. Memorandum from James Scarbrough, EPA Region IV to John White, EPA Region IV. (July 31, 1979) Review of the Sangamo PCB Disposal Application.
28. Letter from John White, EPA Region IV to J.C. Hydrick, Sangamo Electric Company. (August 01, 1979) Concerning EPA's approval (subject to enclosed conditions) for Sangamo Capacitor Division's proposed chemical waste landfill, as authorized in 40 CFR 761.
29. Letter from Jessie Butner, Sangamo Weston/Schlumberger to Allen McEntire, South Carolina Department of Health and Environmental Control. (August 10, 1979) Concerning the PCB Clean-up and (attached) approval given to Sangamo by EPA Region IV for the proposed chemical waste landfill and regarding the final plans and specifications for the project to be ready at a later date.
30. Letter from Jessie Butner, Sangamo Weston/Schlumberger to John Dickinson, EPA Region IV. (August 29, 1979) Concerning the Approval Conditions for the Sangamo Capacitor Division Chemical Waste Landfill.
31. Letter from Hartsill Truesdale, South Carolina Department of Health and Environmental Control to Jessie Butner, Sangamo Electric Company. (September 20, 1979) Concerning Industrial Waste Permit-IWP #139.
32. Letter from James Scarbrough, EPA Region IV to Jessie Butner, Sangamo Capacitor Division. (September 24, 1979) Notifying Sangamo of their compliance with approval condition B-9.
33. Letter from Jessie Butner Sangamo Weston/Schlumberger to Hartsill Truesdale, South Carolina Department of Health and Environmental Control. (December 06, 1979) Concerning One-time Disposal of PCB Materials.
34. Letter from Thomas Hancher, Davis & Floyd Engineers, Inc. to James Scarbrough, EPA Region IV. (May 06, 1980) The award of the PCB disposal site construction.
35. Trip report from Don Hunter, EPA Region IV. (July 14, 1980) To observe the final stages in the construction of the clay bottom-liner for the one time only PCB disposal trench.
36. Letter from Linda Jennett, Sangamo Weston/Schlumberger to Lynn Martin, South Carolina Department of Health and Environmental Council. (March 19, 1984) Requesting permission to dispose of the specific industrial waste from Sangamo Weston Capacitor Division.
37. Letter from Rick Grant, South Carolina Department of Health and Environmental Control to Linda Jennett, Sangamo Capacitor Division. (May 18, 1984) Approval for disposal of diatomaceous earth contaminated with trace amounts of oil at the Pickens County landfill.

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**11.0 POTENTIALLY RESPONSIBLE PARTIES (PRP)****11.10 PRP-Specific Evidence - Government Agency Documents**

38. Letter from Linda Jennett, Sangamo Weston/Schlumberger to Allison Ranson, South Carolina Department of Health and Environmental Control. (July 18, 1984) Concerning a fire at the county landfill caused by some of Sangamo's waste.
39. Letter from Lynn Martin, South Carolina Department of Health and Environmental Control to Linda Jennett, Sangamo Weston. (April 12, 1985) Granting approval for Sangamo Weston to dispose of 200 empty capacitors per week at the Pickens County Landfill contingent upon the listed conditions.
40. "Water Pollution Control Permit-Sangamo Weston Component Division, Pickens, Pickens County, South Carolina," issued by the South Carolina Department of Health and Environmental Control. (October 16, 1986)

**13.0 COMMUNITY RELATIONS****13.1 Correspondence**

1. A letter from Evelyn Bush to Herb Johnson, EPA Region IV. (DATE UNKNOWN) Asking EPA to deny the request of Sangamo Electric Company of Pickens, S.C. to bury polychlorinated biphenyls (PCBs) on its property.
2. C.A.T.S. (Citizens Against Toxic Substances) Informative Letter to Citizens of Pickens County explaining C.A.T.S. (DATE UNKNOWN)
3. Letter from Herbert Johnson, EPA Region IV to Norma Nowell, Pickens County Library, Easley, South Carolina. (October 17, 1978) Notifying here that a copy of Sangamo's PCB application and the FEDERAL REGISTER used by EPA to evaluate PCB applications will be sent to the library for public review.
4. Letter from Catherine Sams to Deputy Commissioner, South Carolina Department of Health and Environmental Control. (April 03, 1979) Questions concerning hazardous chemical dumps.
5. Letter from Donald Smith to the Honorable Strom Thurmond, Member of U.S. Senate. (April 12, 1979) Indicating his concern about the chemical waste dump in Pickens, South Carolina.
6. A letter from Herbert Johnson, EPA Region IV to Lewis Fitch, League of Women Votes, Clemson Area, Clemson, South Carolina. (April 23, 1979) Sending material for review by all interested citizens.
7. A letter from Herbert Johnson, EPA Region IV to Robert Hall, South Carolina Department of Health and Environmental Control. (April 23, 1979) Regarding an upcoming public hearing on the Sangamo PCB application.
8. Letter from Herbert Johnson, EPA Region IV to Norma Nowell, Pickens County Library, Easley, South Carolina. (April 23, 1979) Additional material to be placed on public review.
9. Letter from Evelyn Bush to Hartsill Truesdale, South Carolina Department of Health and Environmental Control. (May 23, 1979) To protest the way the public meeting was announced in the Legal Section of the newspapers and to a few individual groups.
10. Cross-Reference: Letter from Jack Kendall, South Carolina Department of Health and Environmental Control to James Scarbrough, EPA Region IV. (December 28, 1984) Concerning the PCB Landfill Monitoring Program - Pickens County. [Filed and cited in Entry Number 4 of 1.1, PRE-REMEDIAL - Correspondence].

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**13.0 COMMUNITY RELATIONS****13.1 Correspondence**

11. A Letter from Charles Clymer, South Carolina Department of Health and Environmental Control to Stewart Dodgens. (June 25, 1985) Concerning analytical results of the sample taken from Stewart Dodgens well.
12. Letter from Charles Clymer, South Carolina Department of Health and Environmental Control to Luke Nix, Citizen. (June 25, 1985) Concerning the analytical results of the Nix well.
13. Letter from Allison Ranson, South Carolina Department of Health and Environmental Control to C.A.T.S. (Citizens Against Toxic Substances). (September 12, 1985) Requesting information on two sites mentioned in the C.A.T.S. brochure--Pickens County Flea Market & the meadow near Six Mile.
14. Letter from Carole Whitfield, C.A.T.S. (Citizens Against Toxic Substances) to Allison Ranson, South Carolina Department of Health and Environmental Control. (September 26, 1985) Response to letter of September 12, 1985, concerning Sangamo Dump Sites, Pickens County, South Carolina.
15. Cross Reference: Memorandum from Steve Vassey, South Carolina Department of Health and Environmental Control to George Milam, South Carolina Department of Health and Environmental Control. (November 07, 1985) Concerning Leslie Well Water Sample Analysis-Pickens County. [Filed and cited in Entry Number 40 of 17. 8 SITE MANAGEMENT RECORDS - State and Local Technical Records]
16. Letter from David Welch, South Carolina Department of Health and Environmental Control to Doris Leslie. (November 22, 1985) Concerning the results of the samples collected from the Leslie Well Water Sample-Pickens County.
17. Memorandum from David Welch, South Carolina Department of Health and Environmental Control to Harry O'Brien, South Carolina Department of Health and Environmental Control. (March 03, 1986) Concerning additional sampling at the Leslie Residence, Private well.
18. Cross Reference: Complaint Investigation Report, South Carolina Department of Health and Environmental Control. (June 23, 1986) Complainant: Calvin Trotter; Complaint: Sangamo Old Dump. [Filed and cited in Entry Number 41 of 17. 8 SITE MANAGEMENT RECORDS - State and Local Technical Records]
19. Cross Reference: Complaint Investigation Report, South Carolina Department of Health and Environmental Control. (July 1986) Complainant: Don Couch; concerning lot next to his; Complaint: Possible PCB dump. [Filed and cited in Entry Number 42 of 17. 8 SITE MANAGEMENT RECORDS - State and Local Technical Records]
20. Cross Reference: Complaint Investigation Report, South Carolina Department of Health and Environmental Control. (July 21, 1986) Complainant: Denise Black; Complaint: Breazeale site (PCB) - Mobile home. [Filed and cited in Entry Number 43 of 17. 8 SITE MANAGEMENT RECORDS - State and Local Technical Records]
21. Cross Reference: Complaint Investigation Report, South Carolina Department of Health and Environmental Control. (August 1986) Complainant: Ronny Yeary; Complaint: Concern of PCBs in drinking water; wants his well checked for PCBs. [Filed and cited in Entry Number 44 of 17. 8 SITE MANAGEMENT RECORDS - State and Local Technical Records]
22. Cross Reference: Complaint Investigation Report, South Carolina Department of Health and Environmental Control. (August 22, 1986) Complainant: Anonymous; Complaint: PCBs used on power right-of-way (between Six Mile and Norris). [Filed and cited in Entry Number 45 of 17. 8 SITE MANAGEMENT RECORDS - State and Local Technical Records]

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**13.0 COMMUNITY RELATIONS****13.1 Correspondence**

23. Cross Reference: Complaint Investigation Report, South Carolina Department of Health and Environmental Control. (August 27, 1986) Complainant: George Parsons; Complaint: Possible use of landfill by Sangamo (George Parson's property). [Filed and cited in Entry Number 46 of 17. 8 SITE MANAGEMENT RECORDS - State and Local Technical Records]
24. Cross Reference: Complaint Investigation Report, South Carolina Department of Health and Environmental Control. (September 26, 1986) Complainant: Wilma McWhertor; Complaint: Wants water & soil checked--lives near Sangamo. [Filed and cited in Entry Number 47 of 17. 8 SITE MANAGEMENT RECORDS - State and Local Technical Records]
25. A letter from Camilla Warren, EPA Region IV to Stewart Dodgens. (October 10, 1986) Concerning sampling results of Stewart Dodgens' well.
26. Letter from Camilla Warren, EPA Region IV to Gary Simmons. (October 10, 1986) Concerning sampling results of Gary Simmons' well.
27. Letter from Camilla Warren, EPA Region IV to Lois Reid. (October 10, 1986) Concerning sampling results of Lois Reid's well.
28. Letter from Ken Tinsley, Pickens County Water and Sewer Authority, Pickens, South Carolina, to Giezelle Bennett, EPA Region IV. (January 13, 1987) Requesting to become a part of any future activity concerning the Sangamo Weston/PCB Issue.
29. Letter from Giezelle Bennett, EPA Region IV to Kenneth Tinsley, Pickens County Water and Sewer Authority, Pickens, South Carolina. (February 05, 1987) An update concerning the Sangamo Weston/Twelve Mile Creek/Lake Hartwell PCB Contamination Site.
30. Letter from Camilla Warren, EPA Region IV to Bob Sanders, South Carolina Network. (March 23, 1987) Indicating reports sent to Mr. Sanders. Concerning the Parsons Dump Report.
31. Letter from Carole McCullough, C.A.T.S. (Citizens Against Toxic Substances) to Russell Train, EPA Region IV. (April 12, 1987) Request for tests made at all monitoring sites and request to have Vivian Wardlaw's pond tested.
32. Letter from Carole McCullough, C.A.T.S. (Citizens Against Toxic Substances) to Giezelle Bennett, EPA Region IV. (July 06, 1987) Requesting a meeting with Ms. Bennett, Mr. Jennings and Mr. Pietrowsicz.
33. Letter from Thomas Grubbs, South Carolina Department of Health and Environmental Control to Mrs. McWerter, Resident. (September 29, 1987) Concerning the well sampling on the McWerter property.
34. Letter from Carole McCullough, C.A.T.S. (Citizens Against Toxic Substances) to Giezelle Bennett, EPA Region IV. (April 1988) Concerning meeting of a C.A.T.S. Committee with representatives of C.D.C., DHEC, and E.P.A. and inviting a representative from Giezelle's office.
35. Letter from Giezelle Bennett, EPA Region IV to David White. (November 28, 1989) Concerning results of sampling of groundwater wells and groundwater samples underneath the White property.
36. Letter from Giezelle Bennett, EPA Region IV to James Welborn. (November 28, 1989) Concerning results of sampling of groundwater wells and groundwater samples underneath the Welborn property and subsurface soil.

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37. Letter from Giezelle Bennett, EPA Region IV to John Trotter. (November 28, 1989) Concerning results of sampling of groundwater wells and groundwater samples underneath the Trotter property and subsurface soil.
38. Letter from Giezelle Bennett, EPA Region IV to Ms. Ercel Pace. (November 28, 1989) Concerning results of sampling of groundwater underneath the Pace property.
39. Letter from Giezelle Bennett, EPA Region IV to Wade Breazeale. (November 28, 1989) Concerning results of sampling of groundwater wells and groundwater samples underneath the Breazeale property and subsurface soil.
40. Letter from Giezelle Bennett, EPA Region IV to William Nix. (November 28, 1989) Concerning results of sampling of groundwater wells and groundwater samples underneath the Nix property.

**13.6 Community Relations Plans**

1. "Final Community Relations Plan-Sangamo Weston Inc./Twelve-Mile Creek/Lake Hartwell Site-Pickens County, South Carolina," by Booz, Allen & Hamilton for EPA Headquarters. (June 12, 1987)

**13.7 News Clippings and Press Releases**

1. "PCB Lagoon Ordered Removed," The Greenville News- Greenville, South Carolina. (September 01, 1976)
2. "DHEC Probes PCBs Found in Air," The Greenville News-Greenville, South Carolina. (September 15, 1976)
3. "EPA Says Firm Delayed PCB Reports," The Greenville News, Greenville, South Carolina. (September 16, 1976)
4. "Sangamo PCBs Detected in '70," The Greenville News, Greenville, South Carolina. (September 21, 1976)
5. "PCB tests still above EPA limits," The Greenville News, Greenville, South Carolina. (October 08, 1976)
6. "PCBs, An Enforcement Crisis," by Phil Garner, The Atlanta Journal and Constitution Magazine. (October 10, 1976)
7. "Sangamo, EPA reach PCB settlement," The Greenville News, Greenville, South Carolina. (October 14, 1976)
8. "PCB effect study set at Sangamo," The Greenville News, Greenville, South Carolina. (November 24, 1976)
9. "Hazardous waste report cites Sangamo plant," The Greenville News(?), Greenville, South Carolina. (May 01, 1979)
10. "Sangamo Requests Permit to Dump Hazardous Wastes," The State, Pickens, South Carolina(?). (May 03, 1979)
11. "PCBs dumping request approved," The Greenville News, Greenville, South Carolina. (August 03, 1979)

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12. "Young couple gets a lethal surprise at their home site," The Greenville News, Greenville, South Carolina and "PCB cleanup expected this month," The Greenville Piedmont, Greenville, South Carolina. (June 05, 1986)
13. "Environmental News," EPA Region IV. (June 06, 1986) EPA and the Sangamo Weston Company are negotiating a consent agreement to determine the scope of a hazardous waste cleanup required at a site near Pickens, South Carolina.
14. "More PCBs found in Pickens County," The Greenville News, Greenville, South Carolina. (July 16, 1986) Concerning the Easley-Pickens County Landfill and the Nix Landfill.
15. "Environmental News-EPA Finds Low Levels of Dioxin at Waste Site in South Carolina," EPA Region IV. (August 21, 1986) Concerning the Brazeale property.
16. "Drinking water to be tested for dioxins in Pickens County," The Greenville News, Greenville, South Carolina. (August 23, 1986)
17. "More dioxins found at Pickens site," The Greenville News, Greenville, South Carolina. (August 26, 1986) Concerning the Brazeale landfill.
18. "Environmental News-EPA Announces Sample Results for Waste Site in Pickens, SC," EPA Region IV. (September 09, 1986) Concerning the Brazeale property.
19. "EPA testing for pollutants at 3 new Pickens sites," The Greenville News, Greenville, South Carolina. (September 24, 1986) Concerning the Trotter-Dodgens landfill; the Welborn property; and the Brazeale landfill.
20. "A Wounded Land," The Greenville News, Greenville, South Carolina. (October 19, 1986) First in a series.
21. "A Wounded Land," The Greenville News, Greenville, South Carolina. (October 20, 1986) Second in a series.
22. "A Wounded Land," The Greenville News, Greenville, South Carolina. (October 21, 1986) Third in a series.
23. "A Wounded Land," The Greenville News, Greenville, South Carolina. (October 22, 1986) Fourth in a series.
24. "Environmental News-EPA Proposes Additional Sites to Superfund List," EPA Region IV. (January 23, 1987) Including Sangamo/Twelve-Mile/Hartwell PCB.
25. "On PCB Question...Sangamo Wants Public Support," The Pickens Sentinel, Pickens, South Carolina. (March 11, 1987)
26. Press Release from Sangamo Weston/Schlumberger announcing the sale of the Sangamo Weston Pickens plant to Cornell Dubilier. (May 08, 1987)
27. "Environmental News," EPA Region IV. (June 03, 1987) Public Information Meeting Announcement for Thursday, June 18, 1987, at 7:30PM.
28. "Environmental Action Newsletter," Sangamo Weston's Newsletter for the Pickens Area, Volume 1, No. 1 (July 1987) Concerning action taken at Brazeale Site.
29. "Environmental News," EPA Region IV. (August 04, 1987) Location of copies of the Work Plan for Sangamo Weston, Inc./Twelve-Mile Creek/Lake Hartwell Superfund site.

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#### **13. 7 News Clippings and Press Releases**

30. Press Release from Sangamo-Weston, Pickens, South Carolina. (January 11, 1988) Concerning the fact that EPA Region IV recently approved Sangamo Weston's Remedial Investigation/Feasibility Study (RI/FS) Work Plan for addressing seven land based sites in Pickens County, S.C. where PCBs (Polychlorinated Biphenyls) were detected during previous EPA testing.
31. "Pickens group plans private cancer probe," The Greenville News, Greenville, South Carolina. (March 15, 1988)
32. "Cancer Victims' Names Sought for Health Study," The Pickens Sentinel, Pickens, South Carolina. (March 16, 1988)
33. "Group conducting survey of cancer victims," The Easley Progress, Easley, South Carolina. (March 16, 1988)
34. "Group to survey cancer rate in Pickens County," Anderson Independent-Mail, Anderson, South Carolina. (March 16, 1988)
35. "Residents file two more suits against Sangamo over PCBs," The Greenville News, Greenville, South Carolina. (April 02, 1988)
36. "Pickens Residents, Company Settle Suite on PCB Exposure," The News & Courier, Charleston, South Carolina. (June 21, 1988)
37. "Environmental Action Newsletter," Sangamo Weston's Newsletter for the Pickens Area, Volume 1, No. 3 (July 1988)
38. "Environmental Action Newsletter," Sangamo Weston's Newsletter for the Pickens Area, Volume 1, No. 4 (June 1989)
39. "Buried drums found on Sangamo plant site," The Greenville News, Greenville, South Carolina. (July 19, 1989)
40. "PCB waste in transit EPA says," The Greenville News, Greenville, South Carolina. (July 26, 1989)
41. "Environmental News-EPA Oversees Cleanup at Sangamo-Weston Superfund Site in Pickens, South Carolina," EPA Region IV. (July 27, 1989)
42. "Environmental News," EPA Region IV. (December 24, 1990) The selection of the remedy by EPA to clean up contamination at the Sangamo Weston/Twelve-Mile Creek/Lake Hartwell Site in Pickens, SC.

#### **13. 8 Public Meetings**

1. Public Notice on Sangamo's application to dispose of PCBs, EPA Region IV. (April 17, 1979)
2. Letter from Herbert Johnson, EPA Region IV to Robert Hall, South Carolina Department of Health and Environmental Control. (April 23, 1979) Concerning notification to residents in the vicinity of the Sangamo plant.
3. Public Hearing on the Sangamo Capacitor PCB Disposal Site Located in Pickens, SC--Agenda. (May 23, 1979)
4. PCB Briefing Agenda. (March 30, 1987)
5. Letter from Carole McCullough, C.A.T.S. (Citizens Against Toxic Substances) to Camilla Warren, EPA Region IV. (June 12, 1987) Concerning the Public Meeting for June 18, 1987.

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6. Public Information Meeting Announcement for Thursday, June 18, 1987, EPA Region IV. (June 12, 1987)
7. "Final Report, Sangamo Weston, Inc./Twelve-Mile Creek/Lake Hartwell Superfund Site Public Information Meeting," by Deborah Truitt, Booz Allen & Hamilton, Inc. (June 18, 1987)
8. Memorandum from Giezelle Bennett, EPA Region IV to George Harlow, EPA Region IV. (June 24, 1987) Sangamo Weston Public Information Meeting Report of June 18, 1987, 7:30 P.M.
9. "A Public Official Briefing Summary - Sangamo Weston, Inc./Twelve-Mile Creek/Lake Hartwell PCB Contamination Superfund Site," EPA Region IV. (July 10, 1990)
10. "Public Information Meeting Summary - Sangamo Weston, Inc./Twelve-Mile Creek/Lake Hartwell PCB Contamination Superfund Site," EPA Region IV. (July 10, 1990)
11. "The Public Information Meeting - Sangamo Weston, Inc./Twelve-Mile Creek/Lake Hartwell PCB Contamination Superfund Site," (Transcript) EPA Region IV. (July 10, 1990)
12. "Public Information Meeting - Sangamo Weston, Inc./Twelve-Mile Creek/Lake Hartwell PCB Contamination Superfund Site," (Transcript) EPA Region IV. (September 20, 1990)

**13.9 Fact Sheets**

1. "Remedial Investigation/Feasibility Study Fact Sheet-Sangamo Weston, Inc./Twelve Mile Creek/Lake Hartwell Site-Pickens County, South Carolina," EPA Region IV. (May 1987)
2. "Superfund Update-Sangamo Weston, Inc./Twelve Mile Creek/Lake Hartwell Site-Pickens County, South Carolina," EPA Region IV. (February 1988)
3. "Superfund Update-Sangamo Weston, Inc./Twelve Mile Creek/Lake Hartwell Site-Pickens County, South Carolina," EPA Region IV. (November 1988)
4. "Superfund Update-Sangamo Weston, Inc./Twelve Mile Creek/Lake Hartwell Site-Pickens County, South Carolina, " EPA Region IV. (December 1989)
5. Cross Reference: Proposed Plan: OU One Sangamo Weston Inc./Twelve-Mile Creek/Lake Hartwell PCB Contamination Site, Pickens County, South Carolina, EPA Fact Sheet. (July 1990) [Filed and cited in Entry Number 1 of 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]
6. "Thermal Separation Fact Sheet - Sangamo Weston, Inc./Twelve-Mile Creek/lake Hartwell PCB Contamination - Superfund Site," EPA Region IV. (August 1990)

**14.0 CONGRESSIONAL RELATIONS****14.1 Correspondence**

1. Cross Reference: Letter from Donald Smith to the Honorable Strom Thurmond, Member of U.S. Senate. (April 12, 1979) Indicating his concern about the chemical waste dump in Pickens, South Carolina. [Filed and cited in Entry Number 5 of 13.1 COMMUNITY RELATIONS - Correspondence]



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**17.0 SITE MANAGEMENT RECORDS****17.4 Site Audio-Visuals**

1. Map--General Site Plan/Sangamo Capacitor Division, a Division of Sangamo Weston, Inc./South Carolina Hazardous Waste Permit Application, Davis & Floyd Engineers, Inc. (July 25, 1980)
2. Memorandum from James Finger, EPA Region IV to Vernard Webb, Environmental Photographic Interpretation Center (EPIC). (August 21, 1985) Request for remote assistance to detect possible sources of PCBs and other toxins in the Lake Hartwell drainage area in the states of Georgia, North Carolina, and South Carolina.

**17.5 Site Descriptions and Chronologies**

1. "Sangamo-Weston/Twelve Mile Creek/Lake Hartwell - PCB Contamination," EPA Region IV. (July 1986) An update and summary of actions by the Environmental Protection Agency (EPA) - the issue is polychlorinated biphenyl (PCB) contamination of the environment.
2. Chronology of Events/Lake Hartwell PCBs, Environmental Services Division, EPA Region IV. (August 18, 1986)

**17.7 Reference Documents**

1. "A Reconnaissance of the Water Resources of Pickens County, South Carolina," by F.A. Johnson, et al, prepared by U.S. Geological Survey, Water Resources Division in cooperation with Pickens County Planning and Development Commission, Columbia, South Carolina. (January 1968)
2. "Migration of Polychlorinated Biphenyls in Soil Induced by Percolating Water," by E.S. Tucker, et al, Monsanto Company, St. Louis, Missouri. (February 28, 1975) From the Bulletin of Environmental Contamination & Toxicology, Vol.13, No.1, 1975.
3. "Federal Register, Vol.41, No.64, Part V," Government Printing Office. (April 01, 1976) Part V--Environmental Protection Agency-Polychlorinated Biphenyls Containing Wastes-Disposal Procedures.
4. Cross Reference: "Polychlorinated Biphenyls Levels of the City of Pickens and Easley-Central Water Distribution Systems," by John Inabinet, South Carolina Department of Health and Environmental Control. (May 1977) [Filed and cited in Entry Number 22 of 17.8 SITE MANAGEMENT RECORDS - State and Local Technical Records]
5. "Ambient Concentrations of PCBs in the Southeast-From Storet Data and Selected EPA Studies," by R.J. Bruner, III and David Hill, Environmental Services Division, EPA Region IV. (October 1977)
6. "Movement of PCB from a Contaminated Reservoir Into a Drinking Water Supply," W.N. Billings, et al, School of Public Health, University of South Carolina, Columbia, S.C. (January 1978) From the Bulletin of Environmental Contamination & Toxicology, 1978, p.215-222.
7. "Biological Data Relevant to the Evaluation of Carcinogenic Risk to Humans," by Dr. Raymond Harbison, et al, Division of Interdisciplinary Toxicology, University of Arkansas, School of Medicine, Little Rock, Arkansas, prepared for Scientific Advisory Panel, Safe Drinking Water and Toxic Enforcement Act, State of California. (August 1987)
8. REM III Spotlight, EBASCO, Inc., Issue No. 10. (September 18, 1987)
9. "Declaration for the Enforcement Record of Decision--Site: Celanese Fibers Operations, Shelby, North Carolina," EPA Region IV. (March 23, 1988)

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1. Memorandum from Earl Williams, Jr., South Carolina Department of Health and Environmental Control to Charles Kelly, South Carolina Department of Health and Environmental Control. (June 30, 1975) Concerning sludge disposal at Sangamo Electric Company-Pickens Co.
2. Memorandum from Janet P. Davis, South Carolina Department of Health and Environmental Control Inorganic Laboratory, to Earl Williams, South Carolina Department of Environmental Control Solid Waste Division. Transmitting the Sangamo Electric Co. Sludge Sample (SA#24) and results. (August 27, 1975)
3. Cross Reference: Memorandum from Hartsill Truesdale, South Carolina Department of Health and Environmental Control to Larry Johnson, South Carolina Department of Health and Environmental Control. (November 26, 1975) The need to address the possibility of PCB (Polychlorinated Biphenyls) contamination of the sludge from the Sangamo Electric Company. [Filed and cited in Entry Number 13 of 11. 9 POTENTIALLY RESPONSIBLE PARTIES (PRP) - PRP-Specific Correspondence]
4. Memorandum from W. B. McAndrew, South Carolina Department of Environmental Control to All Concerned. (January 02, 1976) Concerning Polychlorinated Biphenyl Levels in Pickens, South Carolina.
5. Memorandum from Earl Williams, Jr. South Carolina Department of Health and Environmental Control to Hartsill Truesdale, South Carolina Department of Health and Environmental Control. (January 21, 1976) Concerning the PCB Dump Sites Report-Sangamo Electric Co.-Pickens County.
6. Cross Reference: "A Proposed Study of Polychlorinated Biphenyls Near Pickens and Greenwood, South Carolina," by John Inabinet and William McAndrew, South Carolina Department of Health and Environmental Control. (March 1976) Purpose of proposed study is to determine the source(s) of PCB, to determine the exact levels of PCB contamination, and to determine the extent of the area of PCB contamination. [Filed and cited in Entry Number 3 of 1. 2 PRE-REMEDIAL - Sampling and Analysis Data]
7. Cross Reference: Memorandum from Hartsill Truesdale, South Carolina Department of Health and Environmental Control to Thomas Kurimack, South Carolina Department of Health and Environmental Control. (May 24, 1976) Collection of samples planned for May 25, 1976 at the specified sites. [Filed and cited in Entry Number 4 of 1. 2 PRE-REMEDIAL - Sampling and Analysis Data]
8. Cross Reference: Memorandum from Thomas Kurimack, South Carolina Department of Health and Environmental Control to Hartsill Truesdale, South Carolina Department of Health and Environmental Control. (May 26, 1976) Suggesting that the sediment samples be sent to ESD, EPA Region IV to be analyzed because of a shortage of staff and programmed work commitments. [Filed and cited in Entry Number 5 of 1. 2 PRE-REMEDIAL - Sampling and Analysis Data]
9. Letter from Charles Jeter, South Carolina Department of Health and Environmental control to Jessie Butner, Sangamo Electric Company. (August 18, 1976) Concerning Chemical Storage Area-Sangamo Electric Company-Pickens County.
10. Memorandum from Earl Williams, Jr. South Carolina Department of Health and Environmental Control to Hartsill Truesdale, South Carolina Department of Health and Environmental Control. (August 23, 1976) Concerning the Survey of Sangamo Electric Co. Disposal Sites-Pickens County.

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11. Cross Reference: Memorandum from John Inabinet, South Carolina Department of Health and Environmental Control to All Concerned. (August 26, 1976) A list of PCB data compiled by the South Carolina Department of Health and Environmental Control since January 1, 1974. [Filed and cited in Entry Number 6 of 1. 2 PRE-REMEDIAL - Sampling and Analysis Data]
12. South Carolina Department of Health and Environmental Control-Analytical Services Division-Chemical and Physical Analyses of Drinking Water. (August 26, 1976)
13. Memorandum from Charles Jeter, South Carolina Department of Health and Environmental Control to John Jenkins, South Carolina Department of Health and Environmental Control. (August 27, 1976) Concerning an approach to PCB Control in Twelve Mile Creek and Lake Hartwell Areas.
14. South Carolina Department of Health and Environmental Control-Water Surveillance and Laboratory Analysis Division-Chemical and Physical Analyses of Drinking Water. (September 01, 1976)
15. Cross Reference: "PCB-Drinking Water Study," by William Stillwell, South Carolina Department of Health and Environmental Control. (September 14, 1976) [Filed and cited in Entry Number 8 of 1. 2 PRE-REMEDIAL - Sampling and Analysis Data]
16. Memorandum from Donald Duncan, South Carolina Department of Environmental Control to William Stillwell, Jr., South Carolina Department of Environmental Control. (September 14, 1976) Concerning Ground-water conditions at Sangamo Electric Company Plant.
17. Memorandum from Gary Padgett, South Carolina Department of Environmental Control to Donald Duncan, South Carolina Department of Environmental Control(?). (October 06, 1976) Concerning Monitoring Wells for Sangamo Electric Company.
18. South Carolina Department of Health and Environmental Control-Analytical Services Division-Chemical and Physical Analyses of Drinking Water. (October 19, 1976)
19. Memorandum from James Ferguson, South Carolina Department of Health and Environmental Control to Donald Duncan, South Carolina Department of Health and Environmental Control. (October 22, 1976) PCB Contamination, Sangamo Electric Co., Pickens County-Sampling from two existing rock wells at Sangamo.
20. South Carolina Department of Health and Environmental Control-Analytical Services Division-Chemical and Physical Analyses of Drinking Water. (October 26, 1976)
21. Letter from John Jenkins, South Carolina Department of Health and Environmental Control to Jack Ravan, EPA Region IV. (November 10, 1976) Concerning known PCB users in South Carolina.
22. "Polychlorinated Biphenyls Levels of the City of Pickens and Easley-Central Water Distribution Systems," by John Inabinet, South Carolina Department of Health and Environmental Control. (May 1977)
23. Cross-Reference: Field Inspection Report from W.J. Kelley, Jr., South Carolina Department of Health and Environmental Control to Earl Williams, South Carolina Department of Health and Environmental Control. (June 07, 1977) Concerning the inspection of the property of Billy Dodgens, Donnie Nix, and Hoke Cox. [Filed and cited as Entry Number 23 of 11.9 -POTENTIALLY RESPONSIBLE PARTIES - PRP-Specific Correspondence].

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24. Memorandum from James Kelley, Jr., South Carolina Department of Health and Environmental Control to Earl Williams, South Carolina Department of Health and Environmental Control. (June 08, 1977) Removal of PCB-Contaminated Waste-Nix Property-Pickens County.
25. Memorandum from Gary Padgett, South Carolina Department of Health and Environmental Control to Hydrology Files. (July 05, 1977) Concerning PCB Sampling and Rock Wells at Sangamo-Pickens Co.
26. Cross-Reference: Field Inspection Report from Robert Hall, South Carolina Department of Health and Environmental Control to Larry Johnson, South Carolina Department of Health and Environmental Control. (November 17, 1977) Concerning meeting with Jessie Butner, Sangamo Electric regarding Sangamo's desire to dispose of industrial sludge. [Filed and cited in Entry Number 25 of 11.9, POTENTIALLY RESPONSIBLE PARTIES - PRP-Specific Correspondence].
27. "Disposal of PCB Contaminated Waste from the Sangamo Electric Company, Pickens County, South Carolina," by Division of Solid Waste Management, South Carolina Department of Health and Environmental Control(?). (January 1979)
28. Memorandum from Robert Hall, South Carolina Department of Health and Environmental Control to Earl Williams, South Carolina Department of Health and Environmental Control. (January 04, 1979) Drinking Water Well Survey Around Sangamo Capacitor Division-Pickens county.
29. South Carolina Department of Health and Environmental Control-Hydrology Division-Water Well Record. (May 03, 1979)
30. Letter from Allen McEntire, South Carolina Department of Health and Environmental Control to Jessie Butner, Sangamo Electric Weston. (July 23, 1979) Concerning PCB Clean-up of the open dump sites previously used for disposal of PCB material in attached memorandum.
31. Letter from Allen McEntire, South Carolina Department of Health and Environmental Control to Jessie Butner, Sangamo-Weston. (June 17, 1980) Concerning the disposal of septic tank sludge-Pickens County.
32. Letter from Allen McEntire, South Carolina Department of Health and Environmental Control to Jessie Butner, Sangamo Capacitor Division. (July 11, 1980) Concerning the one-time disposal of waste into the IWP-#139 landfill operated by Sangamo Electric Company and the attached letter of July 10, 1980.
33. Memorandum from Richard Parker, D.V.M., South Carolina Department of Health and Environmental Control to Robert Jackson, M.D., South Carolina Department of Health and Environmental Control. (November 09, 1983) Concerning alleged PCB-Related Illness-Cateechee.
34. Memorandum from Allison Ranson, South Carolina Department of Health and Environmental Control to File - Sangamo. (July 16, 1984) Concerning load of waste brought in from Sangamo by Waste Management to the Pickens County Landfill(Easley)--as soon as the waste was unloaded it burst into flames.
35. Memorandum from Allison Ranson, South Carolina Department of Health and Environmental Control. (December 11, 1984) Concerning site visits.

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36. Cross Reference: Letter from Lynn Martin, South Carolina Department of Health and Environmental Control to Linda Jennett, Sangamo Weston. (April 12, 1985) Granting approval for Sangamo Weston to dispose of 200 empty capacitors per week at the Pickens County Landfill contingent upon the listed conditions. [Filed and cited in Entry Number 39 of 11.10 POTENTIALLY RESPONSIBLE PARTIES (PRP) - PRP-Specific Evidence - Government Agency Documents]
37. Memorandum from Mike Marcus, South Carolina Department of Health and Environmental Control to Russell Sherer, South Carolina Department of Health and Environmental Control. (August 02, 1985) Results from PCB Analyses of Sediment-Twelve Mile Creek-Pickens County (including seven stations along drainage areas of various landfills).
38. Cross Reference: "Site Safety Plan-Ernest Nix Property," Gerald Shealy, South Carolina Department of Health and Environmental Control. (September 30, 1985) [Filed and cited in Entry Number 1 of 3.8 REMEDIAL INVESTIGATION (RI) - Interim Deliverables]
39. Cross Reference: Memorandum from Gerald Shealy, South Carolina Department of Health and Environmental Control to Ernest Nix Property (Sangamo) File. (October 01, 1985) Concerning Work Plan/CERCLA PA/SI Cooperative Agreement. [Filed and cited in Entry Number 11 of 1.4 PRE-REMEDIAL - Work Plans and Progress Reports]
40. Memorandum from Steve Vassey, South Carolina Department of Health and Environmental Control to George Milam, South Carolina Department of Health and Environmental Control. (November 07, 1985) Concerning Leslie Well Water Sample Analysis-Pickens County.
41. Complaint Investigation Report, South Carolina Department of Health and Environmental Control. (June 23, 1986) Complainant: Calvin Trotter; Complaint: Sangamo Old Dump.
42. Complaint Investigation Report, South Carolina Department of Health and Environmental Control. (July 1986) Complainant: Don Couch; concerning lot next to his; Complaint: Possible PCB dump.
43. Complaint Investigation Report, South Carolina Department of Health and Environmental Control. (July 21, 1986) Complainant: Denise Black; Complaint: Breazeale site (PCB) - Mobile home.
44. Complaint Investigation Report, South Carolina Department of Health and Environmental Control. (August 1986) Complainant: Ronny Yeary; Complaint: Concern of PCBs in drinking water; wants his well checked for PCBs.
45. Complaint Investigation Report, South Carolina Department of Health and Environmental Control. (August 22, 1986) Complainant: Anonymous; Complaint: PCBs used on power right-of-way (between Six Mile and Norris).
46. Complaint Investigation Report, South Carolina Department of Health and Environmental Control. (August 27, 1986) Complainant: George Parsons; Complaint: Possible use of landfill by Sangamo (George Parson's property).
47. Complaint Investigation Report, South Carolina Department of Health and Environmental Control. (September 26, 1986) Complainant: Wilma McWhertor; Complaint: Wants water & soil checked--lives near Sangamo.
48. Letter from Wilson C. Miles, South Carolina Department of Health and Environmental Control, to Giezelle Bennett, EPA Region IV. Transmitting copies of recently obtained analytical data from Sangamo Sites in Pickens County, South Carolina-South Carolina Department of Health and Environmental Control. (January 08, 1987)

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49. Cross Reference: Memorandum from Site Screening Section, South Carolina Department of Health and Environmental Control to EPA Region IV. (April 23, 1987) Concerning the Ernest Nix Property/Sangamo Electric and including the "Potential Hazardous Waste Site-Site Inspection Report-Sangamo/Ernest Nix Property," (11/9/86) Form, EPA Region IV. [Filed and cited in Entry Number 12 of 1. 9 PRE-REMEDIAL - Site Inspection Documents]
50. Cross Reference: Memorandum from South Carolina Department of Health and Environmental Control/Site Screening Section to US EPA Region IV. (April 24, 1987) Concerning the Sangamo Capacitor Division and including the "Potential Hazardous Waste Site-Site Inspection Report for Sangamo Electric," Form, Gerald Shealy, South Carolina Department of Health & Environmental Control (11/20/86). [Filed and cited in Entry Number 13 of 1. 9 PRE-REMEDIAL - Site Inspection Documents]